

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/017,735DATE: 06/26/98
TIME: 13:43:14

INPUT SET: S27004.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

1
2
3 (1) General Information
4
5 (i) APPLICANT: Grey, Howard M.
6 Sette, Alessandro
7 Sidney, John
8 Southwood, Scott
9
10 (ii) TITLE OF THE INVENTION: HLA-A2.1 Binding Peptides
11 and Their Uses
12
13 (iii) NUMBER OF SEQUENCES: 189
14
15 (iv) CORRESPONDENCE ADDRESS:
16 (A) ADDRESSEE: Townsend and Townsend and Crew LLP
17 (B) STREET: Two Embarcadero Center, Eighth Floor
18 (C) CITY: San Francisco
19 (D) STATE: CA
20 (E) COUNTRY: USA
21 (F) ZIP: 94111-3834
22
23 (v) COMPUTER READABLE FORM:
24 (A) MEDIUM TYPE: Diskette
25 (B) COMPUTER: IBM Compatible
26 (C) OPERATING SYSTEM: DOS
27 (D) SOFTWARE: FastSEQ for Windows Version 2.0
28
29 (vi) CURRENT APPLICATION DATA:
30 (A) APPLICATION NUMBER: 09/017,735
31 (B) FILING DATE: 03-FEB-1998
32 (C) CLASSIFICATION:
33
34 (vii) PRIOR APPLICATION DATA:
35 (A) APPLICATION NUMBER: 08/589,108
36 (B) FILING DATE: 23-JAN-1996
37
38 (viii) ATTORNEY/AGENT INFORMATION:
39 (A) NAME: Bastian, Kevin L.
40 (B) REGISTRATION NUMBER: 34,774
41 (C) REFERENCE/DOCKET NUMBER: 018623-005890US
42
43 (ix) TELECOMMUNICATION INFORMATION:
44 (A) TELEPHONE: (415) 576-0200
45 (B) TELEFAX: (415) 576-0300
46 (C) TELEX:

ENTERED

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47

48

49

(2) INFORMATION FOR SEQ ID NO:1:

50

51

(i) SEQUENCE CHARACTERISTICS:

52

(A) LENGTH: 9 amino acids

53

(B) TYPE: amino acid

54

(C) STRANDEDNESS: single

55

(D) TOPOLOGY: linear

56

57

(ii) MOLECULE TYPE: peptide

58

59

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

60

61

Phe Leu Tyr Asn Arg Pro Leu Ser Val

62

1

5

63

64

(2) INFORMATION FOR SEQ ID NO:2:

65

66

(i) SEQUENCE CHARACTERISTICS:

67

(A) LENGTH: 9 amino acids

68

(B) TYPE: amino acid

69

(C) STRANDEDNESS: single

70

(D) TOPOLOGY: linear

71

72

(ii) MOLECULE TYPE: peptide

73

74

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

75

76

Val Leu Leu Pro Ser Leu Phe Leu Leu

77

1

5

78

79

(2) INFORMATION FOR SEQ ID NO:3:

80

81

(i) SEQUENCE CHARACTERISTICS:

82

(A) LENGTH: 9 amino acids

83

(B) TYPE: amino acid

84

(C) STRANDEDNESS: single

85

(D) TOPOLOGY: linear

86

87

(ii) MOLECULE TYPE: peptide

88

89

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

90

91

Leu Leu Pro Ser Leu Phe Leu Leu Leu

92

1

5

93

94

(2) INFORMATION FOR SEQ ID NO:4:

95

96

(i) SEQUENCE CHARACTERISTICS:

97

(A) LENGTH: 9 amino acids

98

(B) TYPE: amino acid

99

(C) STRANDEDNESS: single

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100 (D) TOPOLOGY: linear
101
102 (ii) MOLECULE TYPE: peptide
103
104 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
105
106 Phe Val Asp Tyr Asn Phe Thr Ile Val
107 1 5
108
109 (2) INFORMATION FOR SEQ ID NO:5:
110
111 (i) SEQUENCE CHARACTERISTICS:
112 (A) LENGTH: 9 amino acids
113 (B) TYPE: amino acid
114 (C) STRANDEDNESS: single
115 (D) TOPOLOGY: linear
116
117 (ii) MOLECULE TYPE: peptide
118
119 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
120
121 Lys Leu Phe Pro Glu Val Ile Asp Leu
122 1 5
123
124 (2) INFORMATION FOR SEQ ID NO:6:
125
126 (i) SEQUENCE CHARACTERISTICS:
127 (A) LENGTH: 10 amino acids
128 (B) TYPE: amino acid
129 (C) STRANDEDNESS: single
130 (D) TOPOLOGY: linear
131
132 (ii) MOLECULE TYPE: peptide
133
134 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
135
136 Phe Leu Leu Leu Gly Leu Trp Gly Phe Ala
137 1 5 10
138
139 (2) INFORMATION FOR SEQ ID NO:7:
140
141 (i) SEQUENCE CHARACTERISTICS:
142 (A) LENGTH: 10 amino acids
143 (B) TYPE: amino acid
144 (C) STRANDEDNESS: single
145 (D) TOPOLOGY: linear
146
147 (ii) MOLECULE TYPE: peptide
148
149 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
150
151 Val Leu Leu Pro Ser Leu Phe Leu Leu Leu
152 1 5 10

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153
154 (2) INFORMATION FOR SEQ ID NO:8:
155
156 (i) SEQUENCE CHARACTERISTICS:
157 (A) LENGTH: 10 amino acids
158 (B) TYPE: amino acid
159 (C) STRANDEDNESS: single
160 (D) TOPOLOGY: linear
161
162 (ii) MOLECULE TYPE: peptide
163
164 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
165
166 Leu Leu Tyr Ser Asp Asp Ala Leu His Leu
167 1 5 10
168
169 (2) INFORMATION FOR SEQ ID NO:9:
170
171 (i) SEQUENCE CHARACTERISTICS:
172 (A) LENGTH: 9 amino acids
173 (B) TYPE: amino acid
174 (C) STRANDEDNESS: single
175 (D) TOPOLOGY: linear
176
177 (ii) MOLECULE TYPE: peptide
178
179 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
180
181 Ala Ile Tyr His Pro Gln Gln Phe Val
182 1 5
183
184 (2) INFORMATION FOR SEQ ID NO:10:
185
186 (i) SEQUENCE CHARACTERISTICS:
187 (A) LENGTH: 9 amino acids
188 (B) TYPE: amino acid
189 (C) STRANDEDNESS: single
190 (D) TOPOLOGY: linear
191
192 (ii) MOLECULE TYPE: peptide
193
194 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
195
196 Ala Met Lys Ala Asp Ile Gln His Val
197 1 5
198
199 (2) INFORMATION FOR SEQ ID NO:11:
200
201 (i) SEQUENCE CHARACTERISTICS:
202 (A) LENGTH: 9 amino acids
203 (B) TYPE: amino acid
204 (C) STRANDEDNESS: single
205 (D) TOPOLOGY: linear

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206
207 (ii) MOLECULE TYPE: peptide
208
209 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
210
211 Ala Met Leu Gln Asp Met Ala Ile Leu
212 1 5
213
214 (2) INFORMATION FOR SEQ ID NO:12:
215
216 (i) SEQUENCE CHARACTERISTICS:
217 (A) LENGTH: 9 amino acids
218 (B) TYPE: amino acid
219 (C) STRANDEDNESS: single
220 (D) TOPOLOGY: linear
221
222 (ii) MOLECULE TYPE: peptide
223
224 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
225
226 Asp Met Trp Glu His Ala Phe Tyr Leu
227 1 5
228
229 (2) INFORMATION FOR SEQ ID NO:13:
230
231 (i) SEQUENCE CHARACTERISTICS:
232 (A) LENGTH: 9 amino acids
233 (B) TYPE: amino acid
234 (C) STRANDEDNESS: single
235 (D) TOPOLOGY: linear
236
237 (ii) MOLECULE TYPE: peptide
238
239 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:
240
241 Gly Leu Phe Leu Thr Thr Glu Ala Val
242 1 5
243
244 (2) INFORMATION FOR SEQ ID NO:14:
245
246 (i) SEQUENCE CHARACTERISTICS:
247 (A) LENGTH: 9 amino acids
248 (B) TYPE: amino acid
249 (C) STRANDEDNESS: single
250 (D) TOPOLOGY: linear
251
252 (ii) MOLECULE TYPE: peptide
253
254 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:
255
256 Ile Leu Phe Thr Phe Leu His Leu Ala
257 1 5
258

PAGE: 1

SEQUENCE VERIFICATION REPORT
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Line

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Original Text